



18w

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: L. Warren COLLIER IV  
Christopher Dale FENWICK  
Chad Michael FREESE  
Kurtis Lee BROWN  
Susan Elaine SHAWVER  
Terry Kramer TIMMONS  
James Russell FITTS, Jr.  
Monica Graciela VARRIALE

Title: STRONG HIGH LOFT LOW DENSITY  
NONWOVEN WEBS AND LAMINATES  
THEREOF

Serial No.: 10/749,461

Filing Date: 31 December 2003

Customer No.: 35844

**SECOND INFORMATION DISCLOSURE STATEMENT**

**Mail Stop AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Rules 1.56 and 1.98, the references listed on Form PTO-1449 are hereby brought to the attention of the Examiner as being possibly material to examination of the subject patent application.

The following co-pending U.S. Patent Applications are also brought

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: 12 OCTOBER 2004.

12 OCT 04  
Date

Roland W. Morris  
Signature

Serial No.: 10/749,461

to the attention of the Examiner as being possibly material to examination of this U.S.

Patent Application:

Title: HIGH LOFT LOW DENSITY NONWOVEN WEBS OF  
CRIMPED FILAMENTS AND METHODS OF  
MAKING SAME

Applicants: Braulio A. POLANCO et al.

Serial No.: (has not been assigned)

Filing Date: 10 September 2004

Attorney Docket No.: KCC-1150-DIV

Title: MATERIALS HAVING Z-DIRECTION FIBERS AND  
FOLDS AND METHOD FOR PRODUCING SAME

Applicants: Edward Jason WHITE et al.

Serial No.: 09/538,744


Filing Date: 30 March 2000

Attorney Docket No.: KCC-1064

Copies of these references are not enclosed.

Form PTO-1449 (three (3) pages) is enclosed with a copy of each and  
every foreign reference cited on Form PTO-1449.

Respectfully submitted,

  
Roland W. Norris  
Registration No. 32,799

Pauley Petersen & Erickson  
2800 West Higgins Road; Suite 365  
Hoffman Estates, Illinois 60195  
TEL (847) 490-1400  
FAX (847) 490-1403

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-1199

SERIAL NO.

10/749,461

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

L. Warren COLLIER IV et al.

FILING DATE

31 December 2003

GROUP

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | NAME              | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|---------|-------------------|-------|----------|-------------------------------|
|                      | AA | 4,217,321       | 08/1980 | Campbell          |       |          |                               |
|                      | AB | 4,985,304       | 01/1991 | Wang              |       |          |                               |
|                      | AC | 5,302,220       | 04/1994 | Terakawa et al.   |       |          |                               |
|                      | AD | 5,427,845       | 06/1995 | Sawyer et al.     |       |          |                               |
|                      | AE | 5,522,810       | 06/1996 | Allen, Jr. et al. |       |          |                               |
|                      | AF | 5,527,600       | 06/1996 | Frankosky et al.  |       |          |                               |
|                      | AG | 5,593,768       | 01/1997 | Gessner           |       |          |                               |
|                      | AH | 5,672,415       | 09/1997 | Sawyer et al.     |       |          |                               |
|                      | AI | 5,711,970       | 01/1998 | Lau et al.        |       |          |                               |
|                      | AJ | 5,773,120       | 06/1998 | Deka et al.       |       |          |                               |
|                      | AK | 5,874,159       | 02/1999 | Cruise et al.     |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|---------|---------|-------|----------|-------------|----|
|  |    |                 |         |         |       |          | YES         | NO |
|  | AL | 0 586 924 A1    | 03/1994 | EPO     |       |          |             |    |
|  | AM | 00/66057        | 11/2000 | PCT     |       |          |             |    |
|  | AN | 01/11119 A1     | 02/2001 | PCT     |       |          |             |    |
|  | AO | 01/74281 A1     | 10/2001 | PCT     |       |          |             |    |
|  | AP | 02/057525 A2    | 07/2002 | PCT     |       |          |             |    |

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |  |
|--|----|--|--|
|  | AR |  |  |
|  | AS |  |  |
|  | AT |  |  |

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-1199

Customer No.: 35844

p1005.2/ vls

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-1199

SERIAL NO.

10/749,461

## LIST OF PRIOR ART CITED BY APPLICANT

(Use separate sheets if necessary)

APPLICANT(S)

L. Warren COLLIER IV et al.

FILING DATE

31 December 2003

GROUP

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | NAME               | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|---------|--------------------|-------|----------|-------------------------------|
|                      | AA | 5,904,971       | 05/1999 | Anderson et al.    |       |          |                               |
|                      | AB | 5,916,678       | 06/1999 | Jackson et al.     |       |          |                               |
|                      | AC | 5,993,714       | 11/1999 | Sawyer et al.      |       |          |                               |
|                      | AD | 6,066,261       | 05/2000 | Marmon et al.      |       |          |                               |
|                      | AE | 6,074,869       | 06/2000 | Pall et al.        |       |          |                               |
|                      | AF | 6,080,482       | 06/2000 | Martin et al.      |       |          |                               |
|                      | AG | 6,168,849       | 01/2001 | Braverman et al.   |       |          |                               |
|                      | AH | 6,176,955       | 01/2001 | Haynes et al.      |       |          |                               |
|                      | AI | 6,203,889       | 03/2001 | Quincy, III, et al |       |          |                               |
|                      | AJ | 6,218,009       | 04/2001 | Tsai et al.        |       |          |                               |
|                      | AK | 6,261,677       | 07/2001 | Tsai, et al.       |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
|  |    |                 |      |         |       |          | YES         | NO |
|  | AL |                 |      |         |       |          |             |    |
|  | AM |                 |      |         |       |          |             |    |
|  | AN |                 |      |         |       |          |             |    |
|  | AO |                 |      |         |       |          |             |    |
|  | AP |                 |      |         |       |          |             |    |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |  |
|--|----|--|--|
|  | AR |  |  |
|  | AS |  |  |
|  | AT |  |  |

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

KCC-1199

USCOMM-DC 80-3985

Customer No.: 35844

p1005.2/ vls

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

KCC-1199

10/749,461

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

L. Warren COLLIER IV et al.

FILING DATE

31 December 2003

GROUP

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|---------|---------------|-------|----------|-------------------------------|
|                      | AA | 6,635,136       | 10/2003 | White, et al. |       |          |                               |
|                      | AB |                 |         |               |       |          |                               |
|                      | AC |                 |         |               |       |          |                               |
|                      | AD |                 |         |               |       |          |                               |
|                      | AE |                 |         |               |       |          |                               |
|                      | AF |                 |         |               |       |          |                               |
|                      | AG |                 |         |               |       |          |                               |
|                      | AH |                 |         |               |       |          |                               |
|                      | AI |                 |         |               |       |          |                               |
|                      | AJ |                 |         |               |       |          |                               |
|                      | AK |                 |         |               |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
|  |    |                 |      |         |       |          | YES         | NO |
|  | AL |                 |      |         |       |          |             |    |
|  | AM |                 |      |         |       |          |             |    |
|  | AN |                 |      |         |       |          |             |    |
|  | AO |                 |      |         |       |          |             |    |
|  | AP |                 |      |         |       |          |             |    |

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |  |
|--|----|--|--|
|  | AR |  |  |
|  | AS |  |  |
|  | AT |  |  |

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-1199

Customer No.: 35844

p1005.2/ vls